

DERWENT-ACC-NO: 2003-346099

DERWENT-WEEK: 200333

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TITLE: Magnetic recording medium has orientation film formed on
non-magnetic substrate which consists of ruthenium and
rhenium

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PRIORITY-DATA: 2001JP-138170 (May 9, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
<u>JP 2002334424</u> A	November 22, 2002	JA

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP2002334424A	N/A	2001JP-138170	May 9, 2001

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	G11B5/738	20060101
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CIPS	G11B5/851	20060101

ABSTRACTED-PUB-NO: JP 2002334424 A

BASIC-ABSTRACT:

NOVELTY - A soft magnetic material film (2), an orientation film (4), a magnetic film (5) and a protective coat (6) are formed sequentially on a non-magnetic substrate (1). The orientation film consists of Ru and Re elements and one of vanadium, nobelium, tantalum, chromium, molybdenum, tungsten, manganese, nickel, palladium, platinum and iridium.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) magnetic recording medium manufacture; and

(2) magnetic recording and reproducing apparatus.

USE - Used with magnetic recording and reproducing apparatus (claimed).

ADVANTAGE - The crystal orientation property of a magnetic film is improved.
Noise generation is prevented.

DESCRIPTION OF DRAWING(S) - The figure shows a cross-section of the magnetic recording medium. (Drawing includes non-English language text).

Non-magnetic substrate (1)

Soft magnetic material film (2)

Orientation film (4)

Magnetic film (5)

Protective coat (6)

CHOSEN-DRAWING: Dwg.1/6

TITLE-TERMS: MAGNETIC RECORD MEDIUM ORIENT FILM FORMING NON
SUBSTRATE CONSIST
RUTHENIUM RHENIUM

DERWENT-CLASS: L03 T03

CPI-CODES: L03-B05K;

EPI-CODES: T03-A01B1X;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: 2003-091583

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